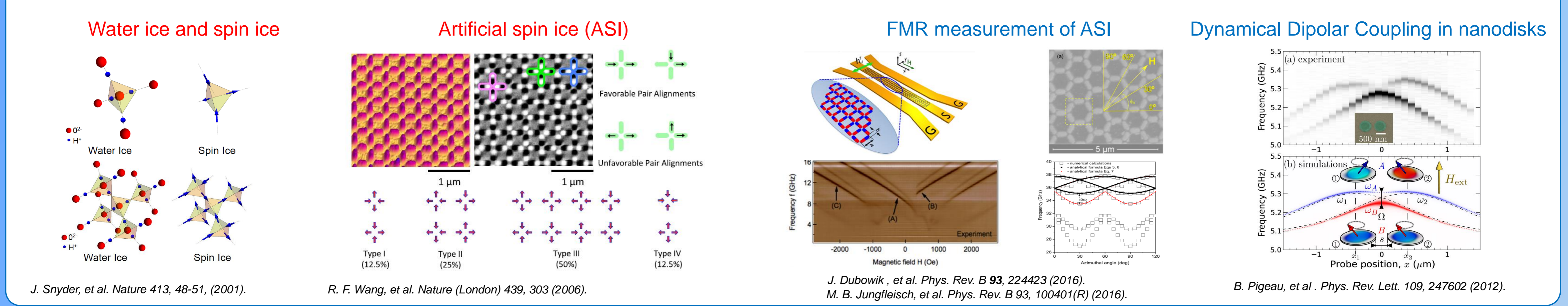


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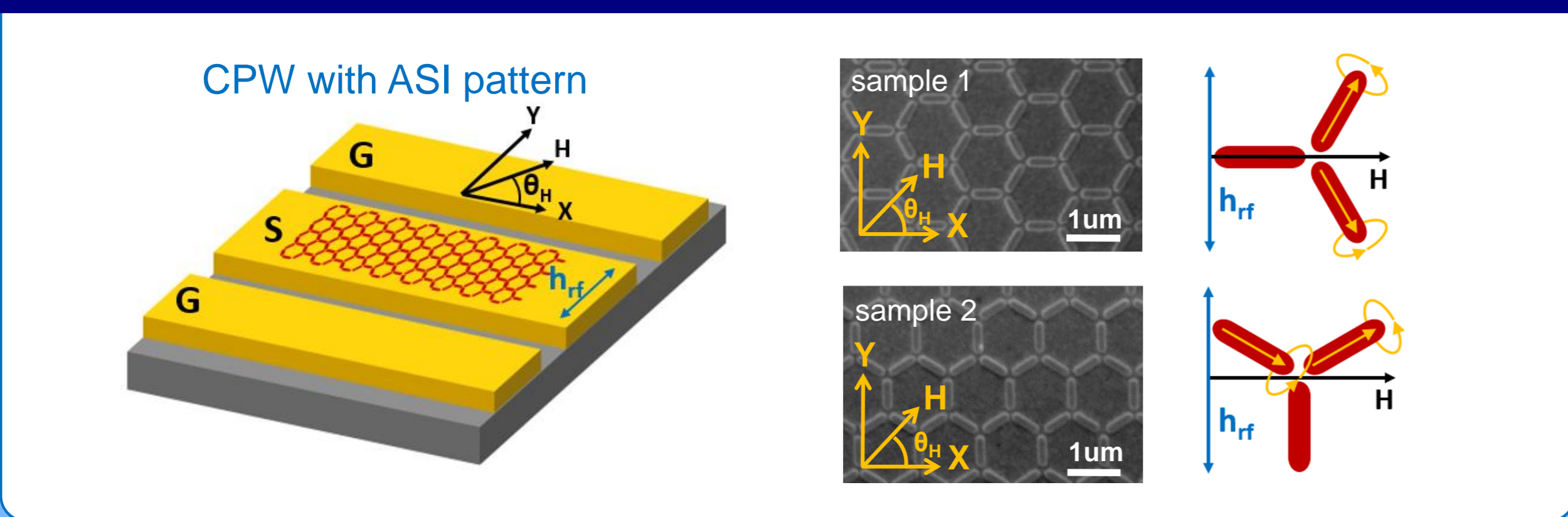
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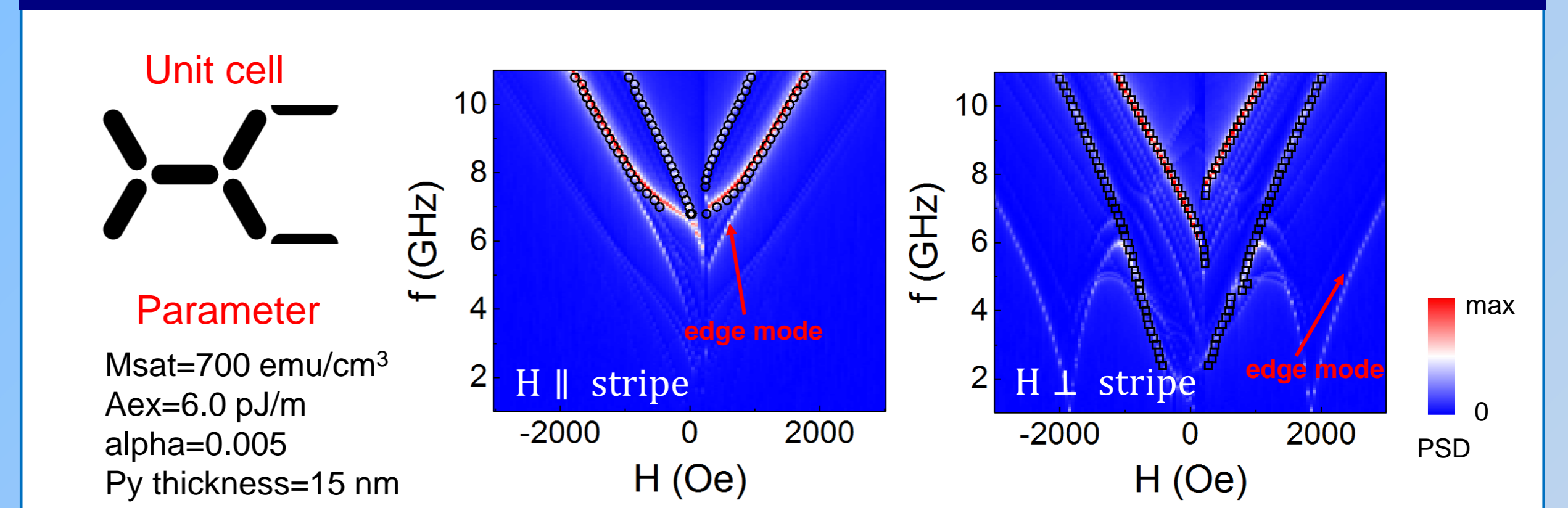
Introduction



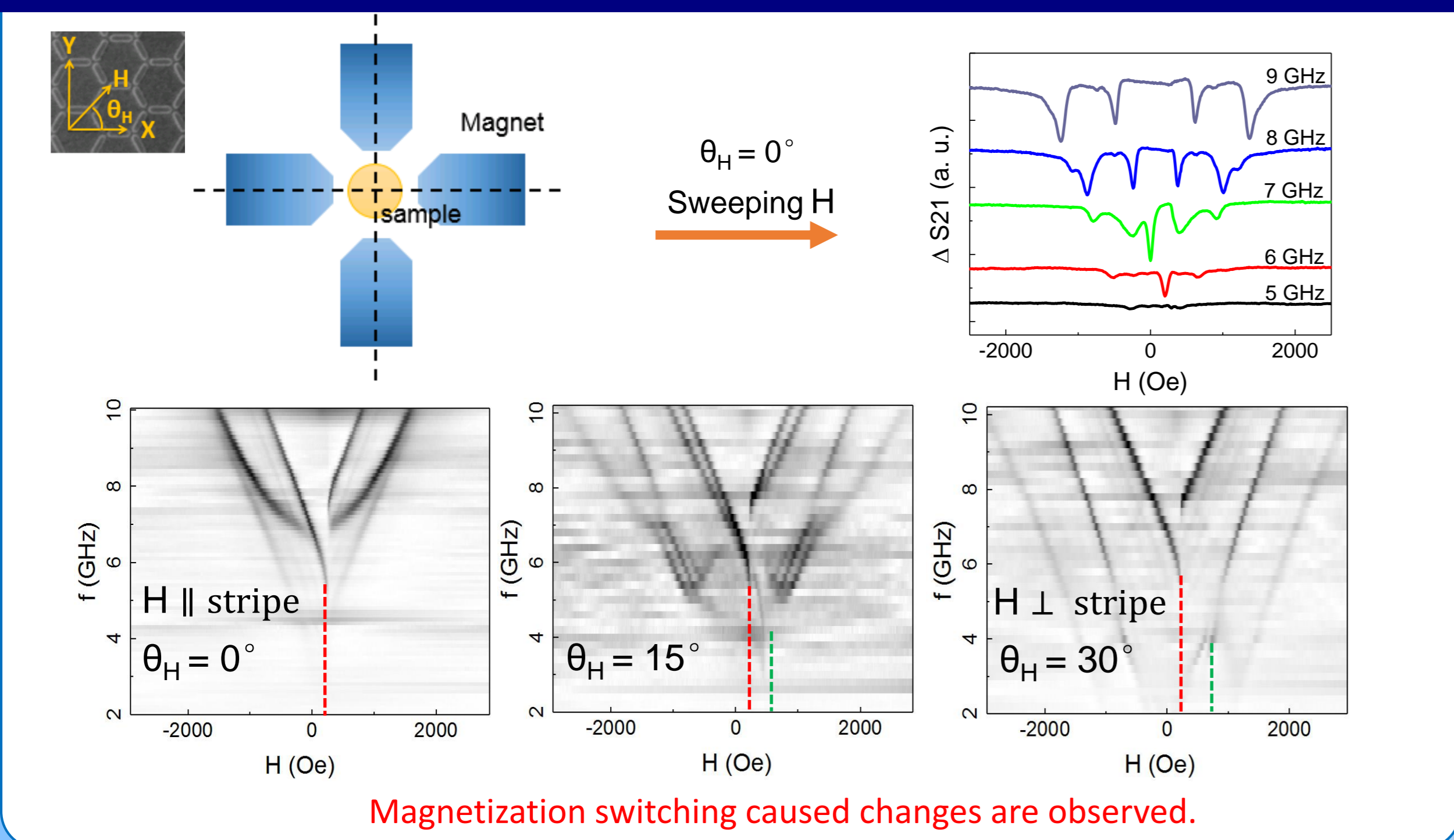
Schematic of sample and measurement



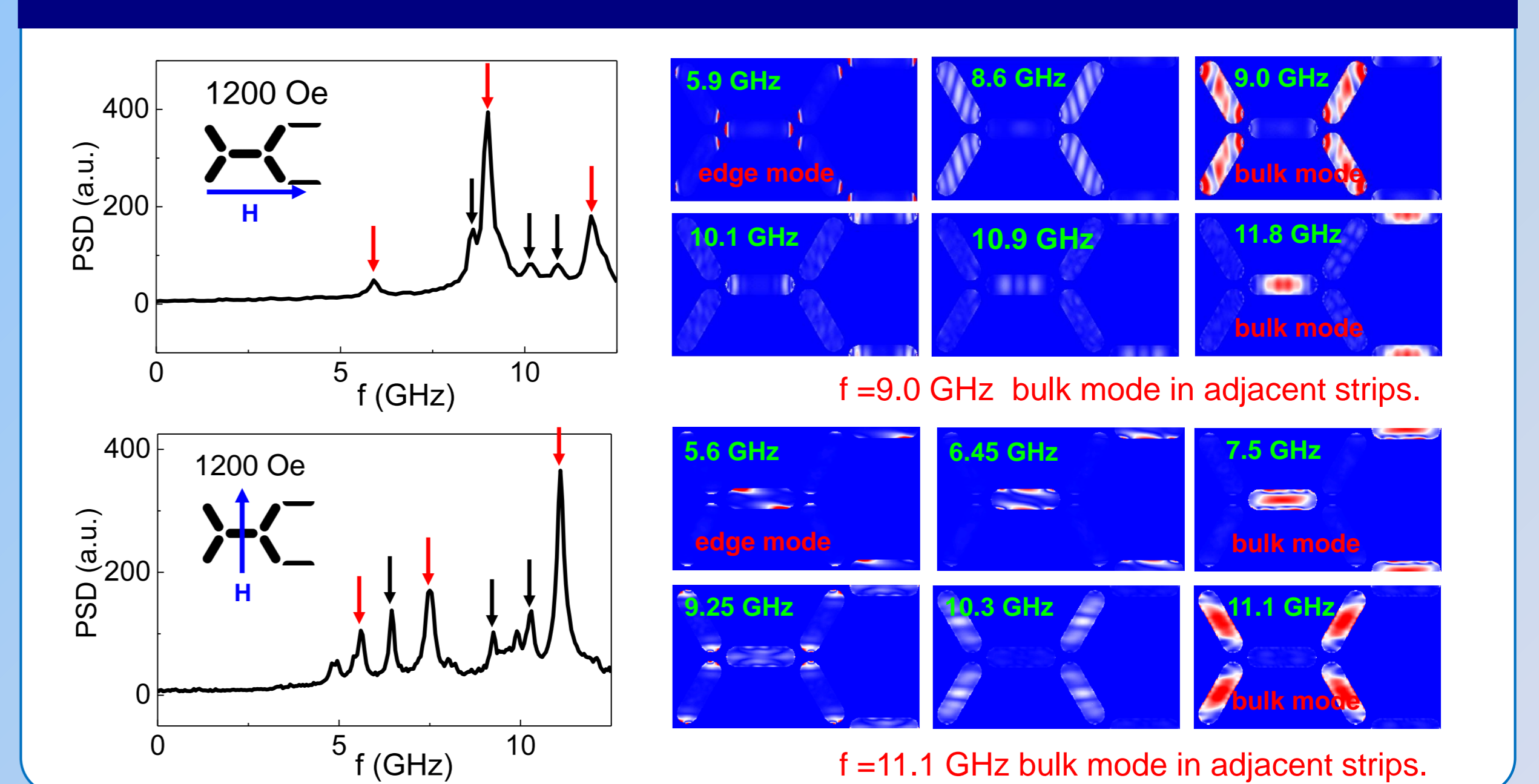
Mumax simulation



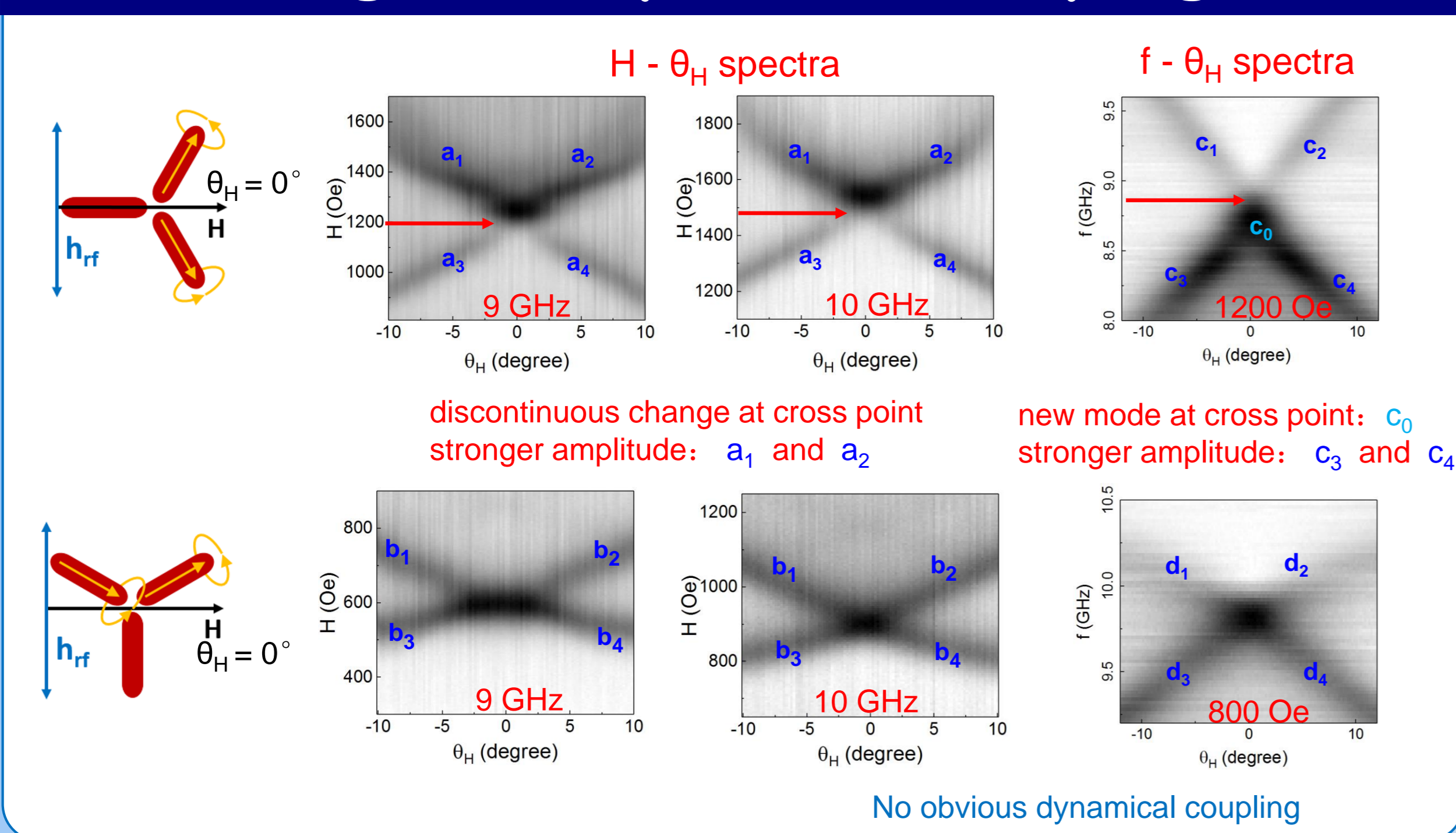
FMR f-H spectra



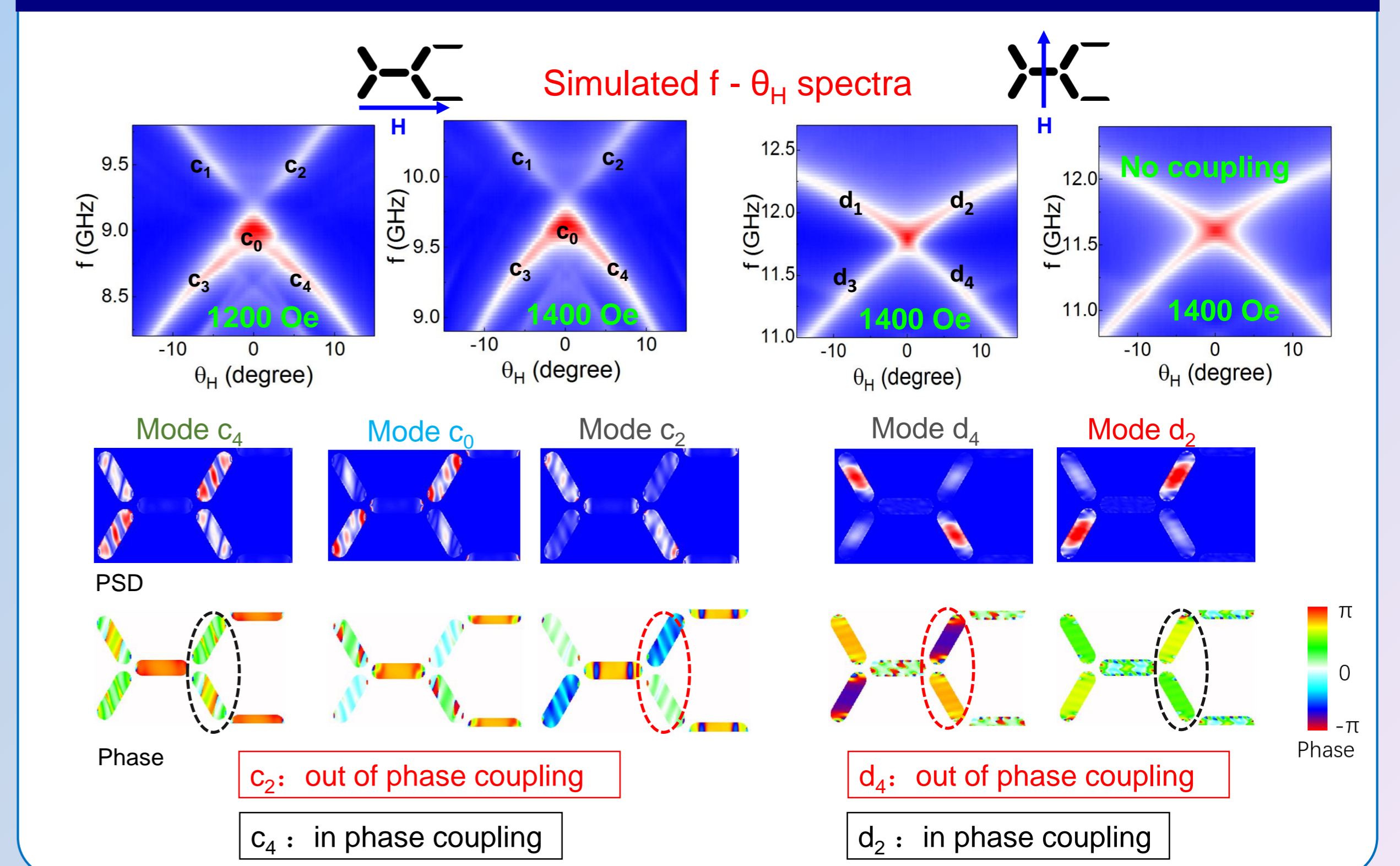
Simulated resonance modes



Magnetic dynamical coupling



Simulated magnetic dynamical coupling



Summary

- The kagome-type ASI lattices were prepared and the related magnetic dynamical properties were studied using the broadband FMR technique and micromagnetic simulation.
- Complex FMR spectra were observed and the various resonance modes in spectra were analyzed.
- By changing the in-plane magnetic field angle θ_H , magnetic dynamical coupling in kagome ASI lattice were observed and analyzed.